

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022019.D
 Acq On : 25 Apr 2025 19:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 25 22:58:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	86	0.00
2 T	Dichlorodifluoromethane	50.000	45.009	10.0	84	0.00
3 P	Chloromethane	50.000	46.754	6.5	81	0.00
4 C	Vinyl Chloride	50.000	49.618	0.8#	88	0.00
5 T	Bromomethane	50.000	44.323	11.4	83	0.00
6 T	Chloroethane	50.000	49.874	0.3	89	0.00
7 T	Trichlorofluoromethane	50.000	48.294	3.4	85	0.00
8 T	Diethyl Ether	50.000	49.801	0.4	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.045	5.9	89	0.00
10 T	Methyl Iodide	50.000	49.886	0.2	85	0.00
11 T	Tert butyl alcohol	250.000	277.159	-10.9	93	-0.02
12 CM	1,1-Dichloroethene	50.000	47.558	4.9#	87	0.00
13 T	Acrolein	250.000	179.781	28.1#	67	0.00
14 T	Allyl chloride	50.000	49.303	1.4	89	0.00
15 T	Acrylonitrile	250.000	268.019	-7.2	93	0.00
16 T	Acetone	250.000	278.885	-11.6	92	0.00
17 T	Carbon Disulfide	50.000	48.809	2.4	90	0.00
18 T	Methyl Acetate	50.000	67.639	-35.3#	113	0.00
19 T	Methyl tert-butyl Ether	50.000	53.279	-6.6	90	0.00
20 T	Methylene Chloride	50.000	46.800	6.4	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.816	0.4	90	0.00
22 T	Diisopropyl ether	50.000	53.337	-6.7	92	0.00
23 T	Vinyl Acetate	250.000	257.379	-3.0	86	0.00
24 P	1,1-Dichloroethane	50.000	50.419	-0.8	91	0.00
25 T	2-Butanone	250.000	268.258	-7.3	92	0.00
26 T	2,2-Dichloropropane	50.000	44.130	11.7	80	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.865	-3.7	91	0.00
28 T	Bromochloromethane	50.000	51.099	-2.2	89	0.00
29 T	Tetrahydrofuran	250.000	282.554	-13.0	91	0.00
30 C	Chloroform	50.000	51.691	-3.4#	93	0.00
31 T	Cyclohexane	50.000	46.942	6.1	87	0.00
32 T	1,1,1-Trichloroethane	50.000	49.490	1.0	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.087	-0.2	86	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	49.268	1.5	87	0.00
36 T	1,1-Dichloropropene	50.000	48.846	2.3	90	0.00
37 T	Ethyl Acetate	50.000	52.370	-4.7	91	0.00
38 T	Carbon Tetrachloride	50.000	49.118	1.8	90	0.00
39 T	Methylcyclohexane	50.000	48.311	3.4	87	0.00
40 TM	Benzene	50.000	50.704	-1.4	93	0.00
41 T	Methacrylonitrile	50.000	45.330	9.3	76	0.00
42 TM	1,2-Dichloroethane	50.000	51.209	-2.4	92	0.00
43 T	Isopropyl Acetate	50.000	52.220	-4.4	90	0.00
44 TM	Trichloroethene	50.000	50.344	-0.7	93	0.00
45 C	1,2-Dichloropropane	50.000	51.280	-2.6#	92	0.00
46 T	Dibromomethane	50.000	51.641	-3.3	93	0.00
47 T	Bromodichloromethane	50.000	51.834	-3.7	93	0.00
48 T	Methyl methacrylate	50.000	54.470	-8.9	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1088.070	-8.8	97	-0.01
50 S	Toluene-d8	50.000	49.690	0.6	85	0.00
51 T	4-Methyl-2-Pentanone	250.000	282.185	-12.9	93	0.00
52 CM	Toluene	50.000	51.975	-4.0#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	51.095	-2.2	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.984	-2.0	91	0.00
55 T	1,1,2-Trichloroethane	50.000	53.513	-7.0	94	0.00
56 T	Ethyl methacrylate	50.000	56.163	-12.3	92	0.00
57 T	1,3-Dichloropropane	50.000	52.932	-5.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.968	-9.6	86	0.00
59 T	2-Hexanone	250.000	286.509	-14.6	93	0.00
60 T	Dibromochloromethane	50.000	53.215	-6.4	94	0.00
61 T	1,2-Dibromoethane	50.000	53.713	-7.4	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.493	-3.0	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	49.935	0.1	95	0.00
65 PM	Chlorobenzene	50.000	49.358	1.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.110	-0.2	94	0.00
67 C	Ethyl Benzene	50.000	50.358	-0.7#	92	0.00
68 T	m/p-Xylenes	100.000	102.222	-2.2	93	0.00
69 T	o-Xylene	50.000	52.092	-4.2	93	0.00
70 T	Styrene	50.000	53.028	-6.1	94	0.00
71 P	Bromoform	50.000	52.937	-5.9	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.521	5.0	92	0.00
74 T	N-amyl acetate	50.000	48.416	3.2	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.620	4.8	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.978	-4.0	106	0.00
77 T	Bromobenzene	50.000	47.895	4.2	94	0.00
78 T	n-propylbenzene	50.000	47.403	5.2	91	0.00
79 T	2-Chlorotoluene	50.000	47.529	4.9	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.636	2.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.292	13.4	84	0.00
82 T	4-Chlorotoluene	50.000	47.271	5.5	92	0.00
83 T	tert-Butylbenzene	50.000	48.494	3.0	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.490	1.0	94	0.00
85 T	sec-Butylbenzene	50.000	47.837	4.3	93	0.00
86 T	p-Isopropyltoluene	50.000	47.973	4.1	92	0.00
87 T	1,3-Dichlorobenzene	50.000	47.425	5.2	95	0.00
88 T	1,4-Dichlorobenzene	50.000	47.260	5.5	96	0.00
89 T	n-Butylbenzene	50.000	46.811	6.4	90	0.00
90 T	Hexachloroethane	50.000	45.969	8.1	94	0.00
91 T	1,2-Dichlorobenzene	50.000	48.654	2.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.505	3.0	100	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.814	2.4	97	0.00
94 T	Hexachlorobutadiene	50.000	45.691	8.6	96	0.00
95 T	Naphthalene	50.000	53.053	-6.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.580	-1.2	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6